

MR-1 REPORT CHECK OFF LISTCompany : **ANDARN ELECTRO SERVICE**SCP # : **27400442**

Address : 72 Michigan Avenue Paterson, N.J. 07503

Contact : Dan Patel

1. Category 40 CFR 413.44, 54, 64 Sub. D, E, & F
2. **Month of November 1, 2008 thru November 30, 2008**
3. Is Permit # Correct? ☒ Y N N/A
4. Is regulated flow stated in space provided? ☒ Y N N/A
5. Total flow provided in proper space? ☒ Y N N/A
6. Is method used to calculate water stated,? ☒ Y N N/A
7. Are number of working days stated ? ☒ Y N N/A
8. Are there any parameters which have exceeded a daily maximum limit or could cause the company to be out of compliance with a monthly or 4-day average ? Y ☒ N N/A
- 8a Are any non-detectable results higher than the permit limits ? Y ☒ N N/A
- 8b If the answer to 8a was yes. did the company submit any documentation in support of compliance ? Y N ☒ N/A
9. Is proper compliance/non-compliance statement provided ? ☒ Y N N/A
10. If applicable is compliance schedule submitted ? Y N ☒ N/A
11. Is combined waste stream formula required ? Y N ☒ N/A
12. If combined waste stream formula was used, have calculations been submitted correctly ? Y N ☒ N/A
13. Have correct number of samples been submitted ? ☒ Y N N/A
14. Has sample number been reported in space provided ? ☒ Y N N/A
15. Have all regulated parameters been listed on MR-1 ? ☒ Y N N/A
16. Has sample type been stated on MR-1 ? ☒ Y N N/A
17. Have all samples been taken during this reporting period ? ☒ Y N N/A
18. Has NJDEPE certified lab been used ? ☒ Y N N/A
19. Have analytical results been submitted on copies of Laboratory stationery ? ☒ Y N N/A

- | | | | | |
|-----|---|-------------------------------------|---|-----|
| 20. | Have results been written in space designated on MR-1? | <input checked="" type="checkbox"/> | N | N/A |
| 21. | Have average permit limitations been included on MR-1? | <input checked="" type="checkbox"/> | N | N/A |
| 22. | Have maximum permit limitations been included on MR-1? | <input checked="" type="checkbox"/> | N | N/A |
| 23. | Is method used to preserve samples stated on MR-1? | <input checked="" type="checkbox"/> | N | N/A |
| 24. | If non use statement is made do regulations allow exemptions? | <input checked="" type="checkbox"/> | N | N/A |
| 25. | Has MR-1 been signed by authorized representative ? | <input checked="" type="checkbox"/> | N | N/A |
| 26. | Has information been submitted on proper MR-1 form ? | <input checked="" type="checkbox"/> | N | N/A |
| 27. | Have any and all PVSC samples taken during this month been averaged in with the company samples ? | <input checked="" type="checkbox"/> | N | N/A |

First Reviewer: comments on deficiencies _____

Date Reviewed 1/09 Date sent to user _____

Date due back _____ Reviewer MR

Second Review comments on deficiencies _____

Date Reviewed _____ Date sent to user _____

Date due back _____ Reviewer _____

Date ok _____ Reviewer _____

PRETREATMENT MONITORING REPORT

NAME: ANDARN ELECTRO SERVICE, INC.

MAILING ADDRESS: 72 MICHIGAN AVENUE, PATERSON, NJ 07503

JAN - 2 2008

FACILITY LOCATION: 72 MICHIGAN AVENUE, PATERSON, NJ 07503

CATEGORY & SUBPART: 40 CFR 413.44 SP-D, 413.54 SP-E, 413.64 SP-F OUTLET#: 1

CONTACT OFFICIAL: DAN PATEL TELEPHONE#: 523-2220

NEW CUSTOMER ID / OUTLET ID: 27200053-1

MONITORING PERIOD						AVERAGE	MAXIMUM	
11	1	2008	11	30	2008			
MON	DAY	YR	MON	DAY	YR			
START			END					
						Regulated flow-gal/day	8,156	8,972
						Total Flow-gal/day	8,156	8,972
						Method Used: Average Regulated & Average Total flow for this outlet from readings of main water meter & well meter, minus sanitary calculation (from readings of sanitary meter) divided by 18 work days in month. Max = Avg flows + 10%.		

Parameter		Mass or Concentration			No. of Samples	Sample type
		Mon Avg	Maximum	Units		Comp./grab
Cd	Sample measurement	<0.001 ✓	<0.001	mg/l	1	Comp.
	Permit requirement	0.19	1.2	"		
Pb	Sample measurement	0.024 ✓	0.024	"	1	Comp.
	Permit requirement	0.54	0.6	"		
CN (A)	Sample measurement	< 0.02 ✓	< 0.02	"	1	Grab
CN (A)	Permit requirement	2.7	5.0	"		
Ni	Sample measurement	0.573 ✓	N/A	"	1	Comp
	Permit requirement	5.9	N/A	"		
Zn	Sample measurement	0.133 ✓	N/A	"	1	Comp
	Permit requirement	1.67	N/A	"		
Cu	Sample measurement	0.425 ✓	N/A	"	1	Comp
	Permit requirement	3.02	N/A	"		
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					

PVSC Form Mr-1 Rev: 4 6/87 P1.

PRETREATMENT MONITORING REPORT**Certification of Non-use (use additional sheets if necessary) Based on Historical Data.**

"Based on my inquiry of the person or persons directly responsible for managing compliance with the pretreatment limitation (or pretreatment standard) for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since the filing of the last discharge monitoring report. I further certify that this facility is implementing the solvent management plan submitted to the Passaic Valley Sewerage Commission on May 26, 2005." Andarn Electro Service, Inc. is certifying non-use for Mercury for this month.

Compliance or non-compliance statement with compliance schedule (use additional sheets if necessary) for every parameter used.

Andarn Electro Service, Inc. is in compliance for 40 CFR 413.44 Subpart - D, 40 CFR 413.54

Subpart E, 40 CFR 413.64 Subpart F, PSES, for dischargers of less than 10,000 gpd for

monitoring conducted by the company during this month and as presented in this report. Andarn

Electro Service, Inc. is also in compliance with all PVSC Local Limits.

Explain Method for preserving samples:

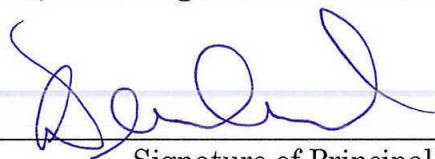
Metal samples were composites that were preserved with HNO₃ to pH < 2.0.

Cyanide sample was a grab which was preserved with NaOH to pH > 12.0.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

403.6(a)(2)(ii) revised by 53 FR 40610, October 17, 1988

"During this monitoring period, no change has been made to the plot plan submitted to PVSC on 8/15/94."



Signature of Principal
Executive or Authorized Agent

DAN PATEL

Plant Manager
Type Name and Title

12/03/2008
Date

PVSC Form MR-1 Rev. 5 3/91 P2

ANDARN ELECTRO SERVICE - (40CFR 413 and PVSC LOCAL LIMIT MR-1) -
NOVEMBER 2008

AVERAGE FLOW CALCULATIONS	18 Work days in month
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MAIN CITY METER (TOTAL FLOW)

835,287 Present Meter Reading
<u>-825,205 Past Meter Reading</u>
10,082 Cubic feet
<u>x7.48</u>
75,413 Gallons MAIN
<u>+81,560 Gallons WELL</u>
156,973 Gallons
<u>x .95 (-5% Evaporation)</u>
149,124 Total gallons of City water used this month

WELL METER (PROCESS)

2445340 Present Meter Reading
<u>-2363780 Past Meter Reading</u>
81,560 Gallons

8,285 GPD = Average Total Flow from facility.
 18 | 149,124.

INTERNAL WATER METER (SANITARY)

220,133 Present Meter Reading
<u>-219,823 Past Meter Reading</u>
310 Cubic Feet
<u>x7.48</u>
2,319 Gallons Total Unregulated Flow

FLOW FOR OUTLET # 27200053-1

149,124 Total Flow	
<u>-2,319 Sanitary flow</u>	
146,805 Gallons	8,156 GPD = Average Regulated and Total Flow
	18 146,805 for OUTLET # 27200053-1

MAXIMUM FLOW CALCULATION (AVERAGE = MAXIMUM + 15%)

8,156 AVERAGE FLOW
<u>x1.10 MAX = AVG +10%</u>
8,972 GPD = MAXIMUM REGULATED and TOTAL FLOW FOR OUTLET # 27200053-1



ANALYTICAL DATA REPORT

for

Andarn Electro-Service
72 Michigan Ave
Paterson, NJ 07503

Project Name: PVSC MONITORING
Lab Case Number: E08-12708

MDL = METHOD DETECTION LIMIT

<= LESS THAN THE MDL

General Analytical

Lab ID: 12708-001
Client ID: 01
Percent Moisture: 100

Date Sampled: 11/3/2008
Time Sampled: 10:00

Parameter	Result	MDL	Matrix-Units	Date Analyzed
Cyanide, Amenable	< 0.020	0.020	Aqueous-mg/L	11/17/2008 13:30

Metals

Lab ID: 12708-002
Client ID: 02
Matrix-Units: Aqueous-mg/L
Percent Moisture: 100

Date Sampled: 11/3/2008
Time Sampled: 16:00
Date Analyzed: 11/7/08

Parameter	Result	Q	MDL
Cadmium	< 0.001		0.001
Copper	0.425		0.008
Lead	0.024		0.002
Nickel	0.573		0.004
Zinc	0.133		0.008

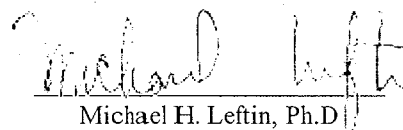
General Analytical

Lab ID: 12708-002
Client ID: 02
Percent Moisture: 100

Date Sampled: 11/3/2008
Time Sampled: 16:00

Parameter	Result	MDL	Matrix-Units	Date Analyzed
Biochemical Oxygen Demand	22.0	2.00	Aqueous-mg/L	11/5/2008 8:00
Total Suspended Solids	168	41.7	Aqueous-mg/L	11/5/2008 10:00

These data have been reviewed and accepted by:


Michael H. Leftin, Ph.D.
Laboratory Director

273 Franklin Road
Randolph, NJ 07869
Phone: 973 361 4252
Fax: 973 989 5288



IAL is a NELAC New Jersey Certified Lab (14751) and maintains certification in Connecticut (PH-0699), New York (11402), Rhode Island (00126), Pennsylvania (68-00773) and in the Department of Navy IR QA Program

INTEGRATED ANALYTICAL LABORATORIES CHAIN OF CUSTODY

Phone # (973) 361-4252
Fax # (973) 989-5288

CUSTOMER INFO

Company: ANDARN ELECTRO SERVICE
Address: 72 MICHIGAN AVE.

PATERSON, NJ 07503

Telephone #:

Fax #:

Project Manager:

Sampler: ANDARN PERSONNEL

Project Name: PVSC MONITORING

Project Location (State):

Bottle Order #:

Quote #:

SAMPLE INFORMATION

[illegible]

Sample Matrix

DW - Drinking Water AQ - Aqueous WW - Waste Water
OI - Oil LIQ - Liquid (Specify) OT - Other (Specify)
S - Soil SL - Sludge SOL - Solid W - Wipe

[illegible]

REPORTING INFO

REPORT TO: ENVIRO-COMP, INC

Address: PO BOX 3457

WAYNE, NJ 07474

Attn: JOHN SABO

FAX # 973-633-7643

INVOICE TO:

Address:

WAYNE, NJ 07474

Attn: JOHN SABO

PO#

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)

Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE**

Conditional TPHC	Results needed by:	Rush TAT Charge **	Report Format	DISKETTE
24 hr*	72 hr	24 hr - 100%...	Results Only	.dbf format
Verbal/Fax		48 hr - 75%...	Reduced	.wkl format
24 hr*	72 hr*	72 hr - 50%...	Regulatory	lab approved custom EDD
Hard Copy		96 hr - 35%...	Other (describe)	
		5 day - 25%...		
		6-9 day 10%		

ANALYTICAL PARAMETERS

[illegible]Cooler Temp °C

BOTTLES &
PRESERVATIVES

	Known Hazard:	Yes or No	Describe:
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Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any

ambiguities have been resolved.

Signature/Company	Date	Time	Signature/Company
Relinquished by: <i>Carol B. Nettles</i>	11-4-08	12:30	Received by: <i>[Signature]</i>
Relinquished by: <i>[Signature]</i>	11/4/08	1:30	Received by: <i>Eda [Signature]</i>
Relinquished by:			Received by:
Relinquished by:			Received by:
Relinquished by:			Received by:

Comments:

Lab Case #

17708

PAGE: 1 of 1

PROJECT INFORMATION

Case No. **E08-12708** Project **PVSC MONITORING**

Customer Andarn Electro-Service	P.O. #
Contact John Sabo	Received 11/4/2008 17:30
EMAIL ENVIRO43@aol.com <input type="checkbox"/> EMail EDDs	Verbal Due 11/19/2008
Phone Fax (973) 633-7643	Report Due 11/26/2008
Report To	Bill To
72 Michigan Ave	Enviro-Comp
Paterson, NJ 07503	P.O. Box 3457
	Wayne, NJ 07474-3457
Attn: John Sabo	Attn: John Sabo
Report Format Result Only	
Additional Info <input type="checkbox"/> State Form <input type="checkbox"/> Field Sampling <input type="checkbox"/> Conditional VOA	

Lab ID	Client Sample ID	Depth Top / Bottom	Sampling Time	Matrix	Unit	# of Containers
12708-001	01	n/a	11/3/2008@10:00	Aqueous	ug/L	1
12708-002	02	n/a	11/3/2008@16:00	Aqueous	ug/L	2

Sample #	Tests	Status	QA Method
001	Cyanide, Amenable	Run	4500CN C
002	Cadmium - Cd	In Process	200.8
"	Copper - Cu	In Process	200.8
"	Lead - Pb	In Process	200.8
"	Nickel - Ni	In Process	200.8
"	Zinc - Zn	In Process	200.8
"	BOD	Run	5210B
"	TSS (Suspended)	Complete	2540D

INTEGRATED ANALYTICAL LABORATORIES, LLC

SAMPLE RECEIPT VERIFICATION

CASE NO: E 08

12708

CLIENT:

Andarn

COOLER TEMPERATURE: 2° - 6°C: ☒

(See Chain of Custody)

Comments

COC: COMPLETE / INCOMPLETE

KEY

☒ = YES/NA
☒ = NO

- ☒ Bottles Intact
- ☒ no-Missing Bottles
- ☒ no-Extra Bottles

- ☒ Sufficient Sample Volume
- ☒ no-headspace/bubbles in VO's
- ☒ Labels intact/correct
- ☒ pH Check (exclude VO's)¹
- ☒ Correct bottles/preservative
- ☒ Sufficient Holding/Prep Time'


☐ Sample to be Subcontracted

¹ All samples with "Analyze Immediately" holding times will be analyzed by this laboratory past the holding time. This includes but is not limited to the following tests: pH, Temperature, Free Residual Chlorine, Total Residual Chlorine, Dissolved Oxygen, Sulfite.

ADDITIONAL COMMENTS:

SAMPLE(S) VERIFIED BY:

INITIAL



DATE

11/4/08

CORRECTIVE ACTION REQUIRED:

YES

☐

(SEE BELOW)

NO

☒

CLIENT NOTIFIED:

YES

☐

Date/ Time:

NO

☐

PROJECT CONTACT:

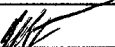
SUBCONTRACTED LAB:

DATE SHIPPED:

ADDITIONAL COMMENTS:

VERIFIED/TAKEN BY:

INITIAL



DATE

11/6/08

REV 02/05

Laboratory Custody Chronicle

IAL Case No.

E08-12708

Client Andam Electro-ServiceProject PVSC MONITORINGReceived On 11/4/2008@17:30**Department: Metals**

			<u>Prep. Date</u>	<u>Analyst</u>	<u>Analysis Date</u>	<u>Analyst</u>
Cadmium - Cd	12708-002	Aqueous	11/ 5/08	Lisa	11/ 7/08	Helge
Copper - Cu	-002	Aqueous	11/ 5/08	Lisa	11/ 7/08	Helge
Lead - Pb	-002	Aqueous	11/ 5/08	Lisa	11/ 7/08	Helge
Nickel - Ni	-002	Aqueous	11/ 5/08	Lisa	11/ 7/08	Helge
Zinc - Zn	-002	Aqueous	11/ 5/08	Lisa	11/ 7/08	Helge

Department: Wet Chemistry

			<u>Prep. Date</u>	<u>Analyst</u>	<u>Analysis Date</u>	<u>Analyst</u>
BOD	-002	Aqueous	n/a	n/a	11/ 5/08@08:00	Kris
Cyanide, Amenable	-001	Aqueous	n/a	n/a	11/17/08	jessica
TSS (Suspended)	-002	Aqueous	n/a	n/a	11/ 5/08	Kam

Review and Approval:

